



Oklahoma City Collection System FOG Treatment

Performance analysis (Before and After) Biological Dosing,

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Approximate Flow Rate: 10.6 MGD

Lift Stations with H₂S Problem: 1 out of 3

Performance since project installation:



Parameter	Locations	Pre Dosing Treatment	Post Dosing Treatment
Cleaning Event – Jetting Vacuum	All Locations	Bi-monthly or quarterly on all locations depending on area.	None
SSO due to FOG build-up	All Locations	City had a preventive maintenance program	City abandoned the preventive maintenance program.
Cleaning Length	Manholes	Able to video the lines 50-75 feet and lines 100 feet.	Able to video full length of the pipe line due to clearer vision.
H ₂ S Odour and (FOG)	Lift Station	Thick FOG buildup with odour complaint	None
H ₂ S Probe Cleaning / Maintenance	Lift Station	Every three (3) months. 4 Cleaning events a year.	None
Manpower hour reduction (inspection / maintenance)	All	No Definitive Number	Reduced considerable amount of man and equipment hours.



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